

FIG. 1

<i>Customer Database</i>			
Field Name	Type	Size	Description
			ID (user doesn't see)
			First Name
			Middle Initial
			Last Name
			e-mail address
			Username
			Password
			Credit Card Type (Amex, VISA, MC)
			Credit Card Number
			Expiration (MM/YY)
			Extra 4 Digits that AMEX needs sometime?
			Work Number (Optional)
			Evening Number (Optional)

FIG. 2A

<i>Desired Domain Name Database</i>			
Field Name	Type	Size	Description
			ID (user doesn't see)
			Middle Level Domain Name
			Top Level Domain Name
			Desired Checking Periodicity (Hourly, Daily, Monthly)
			Desired Billing Periodicity (Monthly, Yearly)
			Notify by e-mail every attempt, or only if available?
			Active or Dormant (No cost for Dormant desired domain name)
			Register Automatically? (If so, register under what name?)

FIG. 2B

Attempts Database			
Field Name	Type	Size	Description
			ID
			Date
			Time
			Accredited Registrar Pinged
			Result
			Memo
			Registry

FIG. 2C

Customers Database			
Field Name	Type	Size	Description
ID	Auto Number	20	Unique ID of
FirstName	Text	15	
LastName	Text	20	
UserName	Text	15	
Password	Text	15	
Email	Text	75	
UserType	Text	1	Customer, Admin
UserActiveYN	Boolean		If inactive, then this user cannot use sema4um
UserNotes	Memo		Administrator notes on the user
PaidUpUntil	Date		Sets the date that this user will be made inactive
EncryptedCC	Text	50	Encrypted Credit Card Number
CCType	Text	1	
CCExpire	Date		
DayPhone	Text	24	
EveningPhone	Text	24	
CreatedBy (fk)	Text	15	The UserName that created this account
CreateDate	Date		When this account was created
LastUpdateBy (fk)	Text	15	The last user to update this account
LastUpdateDate	Date		The time and date of the LastUpdateBy Field if applicable

FIG. 2D

Desired Domain Name Database

Field Name	Type	Size	Description
ID	AutoNumber		
SecondLevel	Text	22	
TopLevel	Text	3	
CustomerID (fk)	LongInt		
DesiredDomainNameStatus	Text	10	
CreatedBy (fk)	Text	15	The UserName that created this account
CreateDate	Date		When this account was created
LastUpdateBy (fk)	Text	15	The last user to update this account
LastUpdateDate	Date		The time and date of the LastUpdateBy Field if applicable

FIG. 2E

Attempts Database

Field Name	Type	Size	Description
ID	AutoNumber		
DesiredDomainNameID	LongInt (fk)		
AttemptDate	Date		Default Now()
AttemptResult	Text	255	
AttemptDetail	Memo		

FIG. 2F

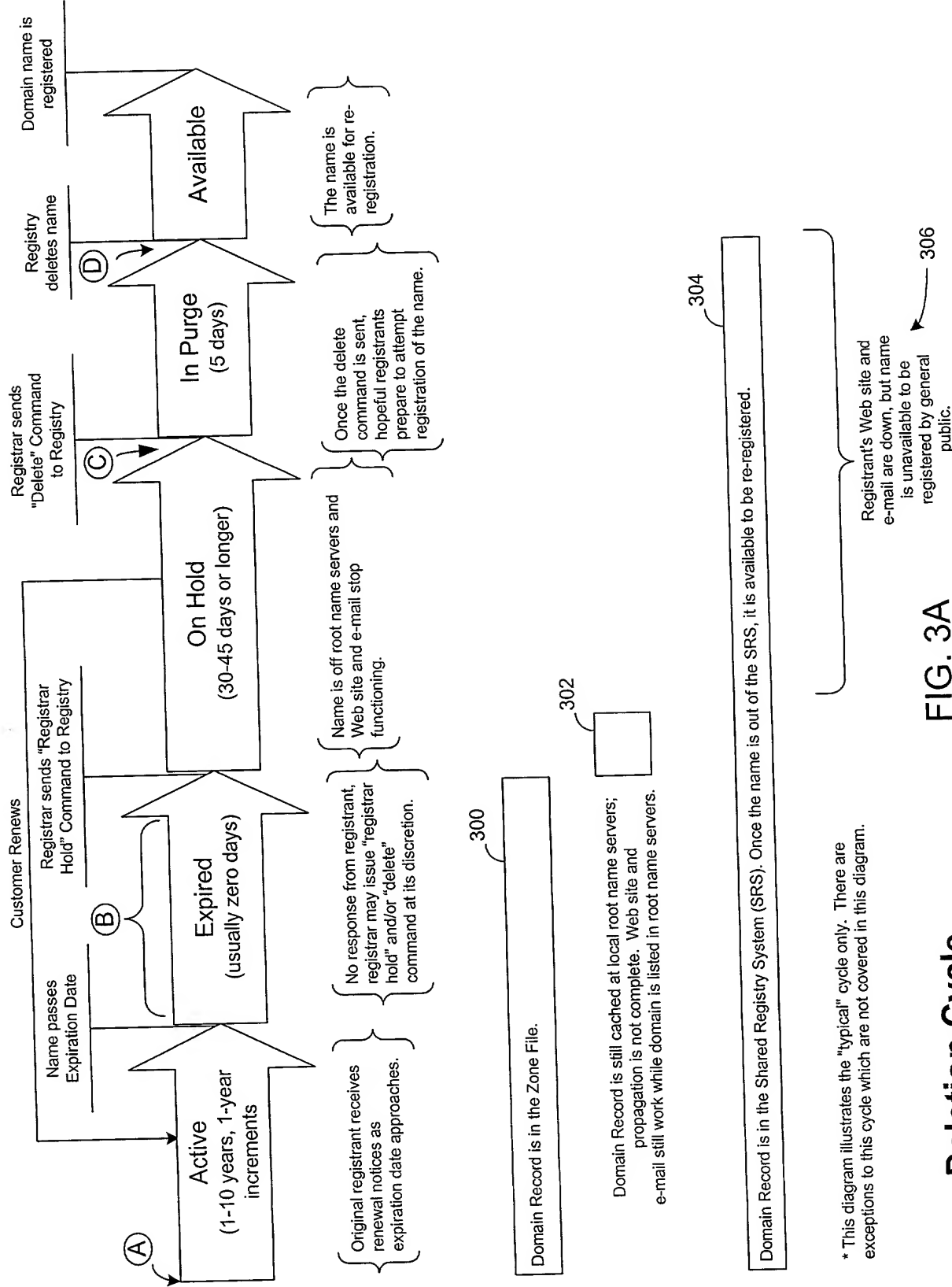


FIG. 3A

Deletion Cycle

* This diagram illustrates the "typical" cycle only. There are exceptions to this cycle which are not covered in this diagram.

Expiring Domain Name Acquisition Cluster

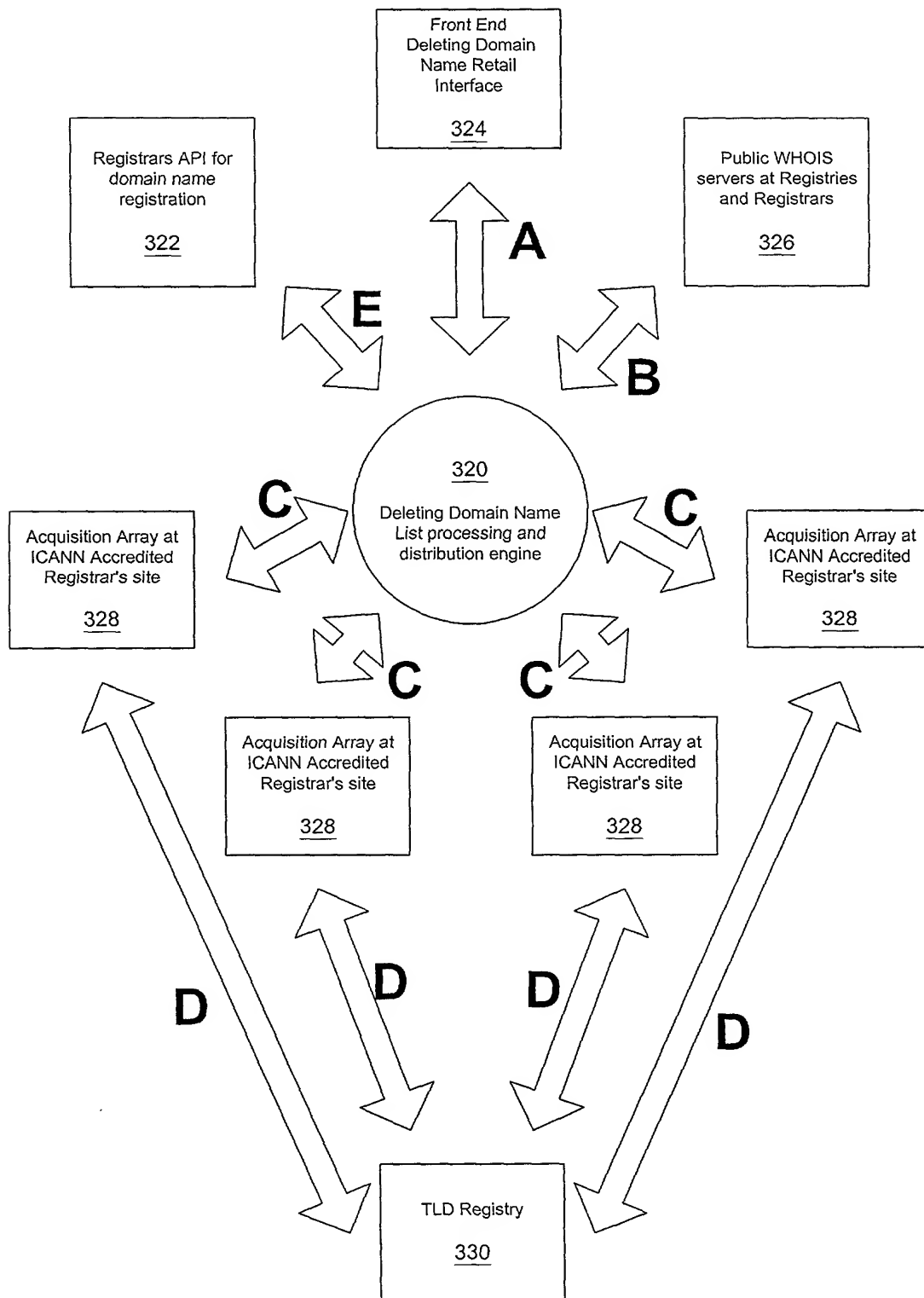


FIG. 3B

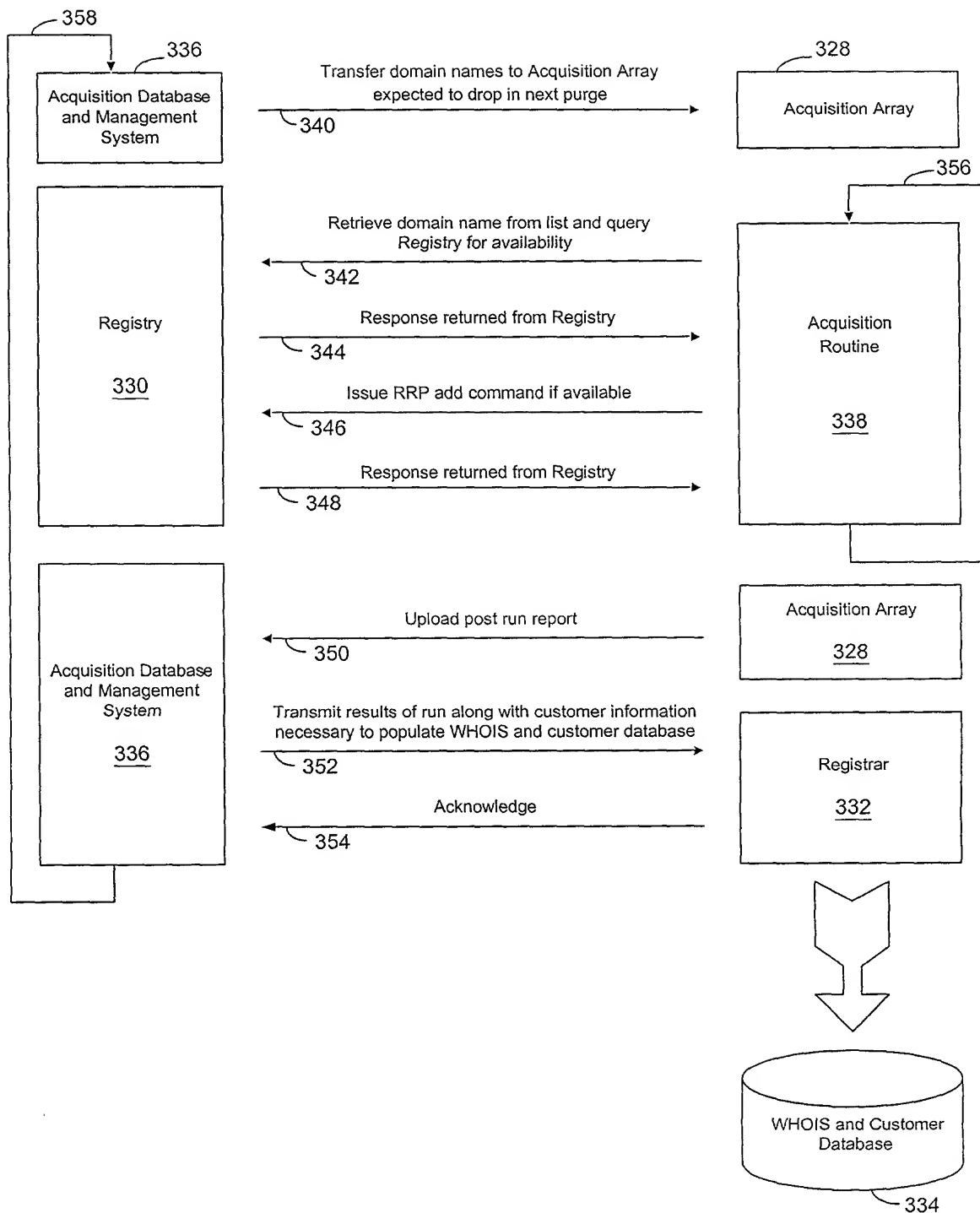


FIG. 3C

Registrar Connection to Event Decoder Routine

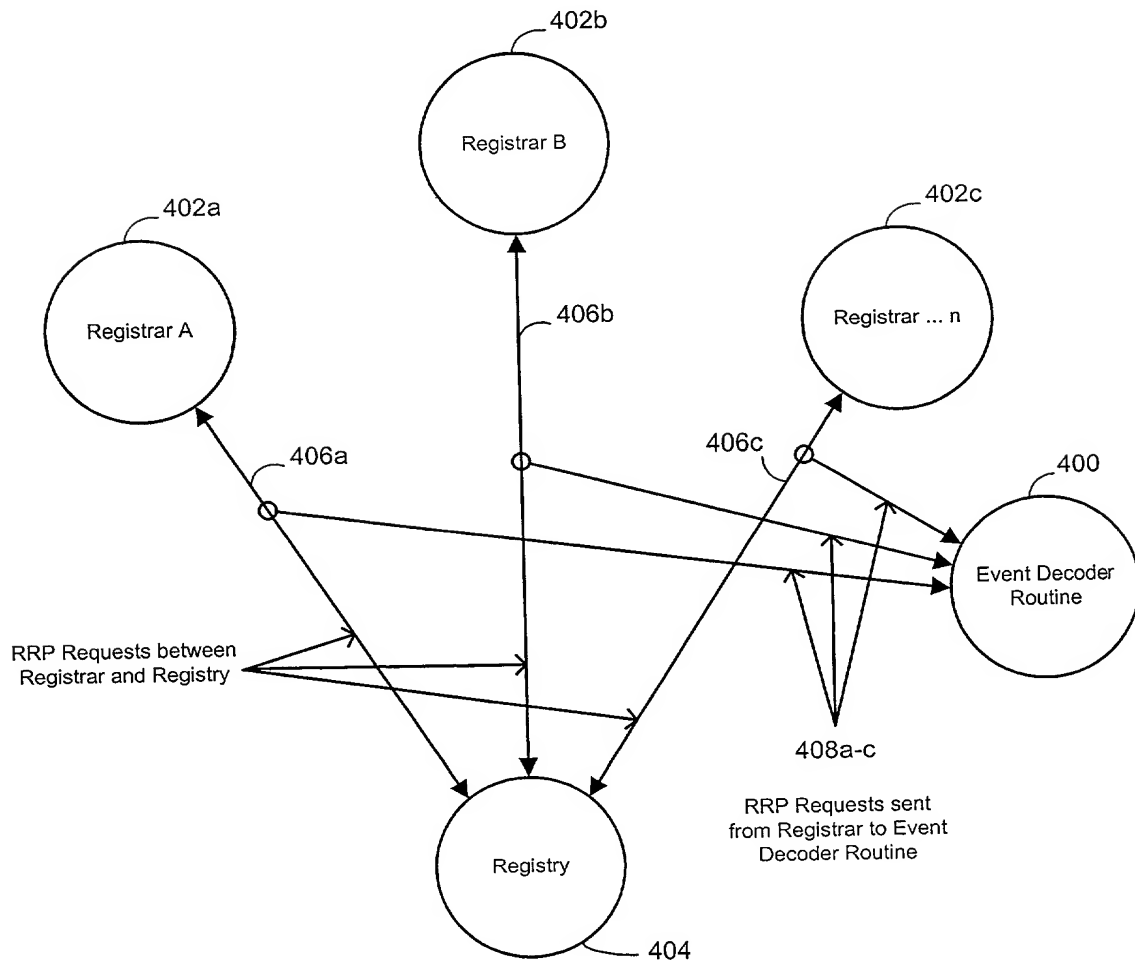


FIG. 4

Registrar Connection to
Event Decoder Routine
(Multiple Registries)

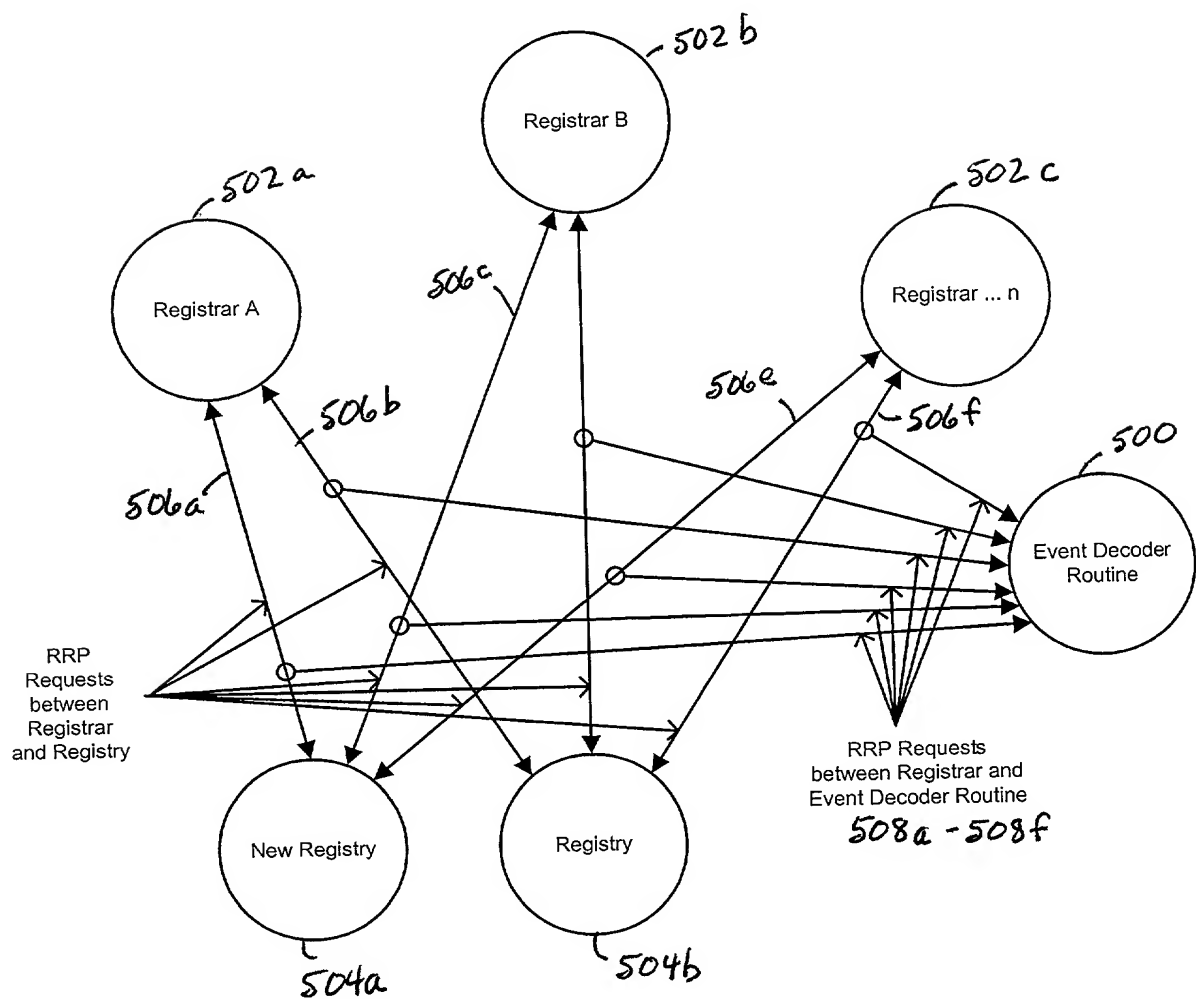


FIG. 5

Event Decoder Routine with Direct Registry Connection

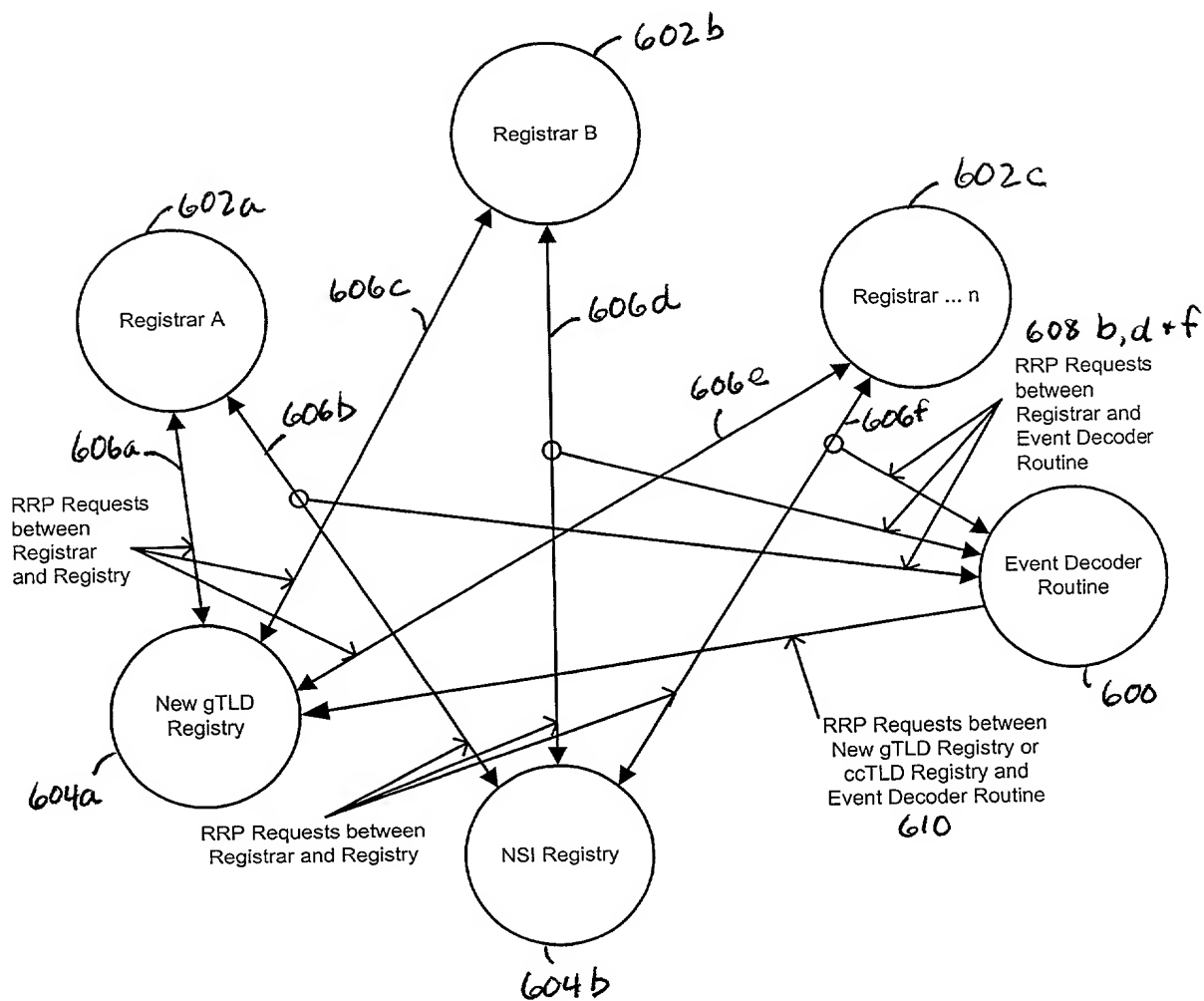


FIG. 6

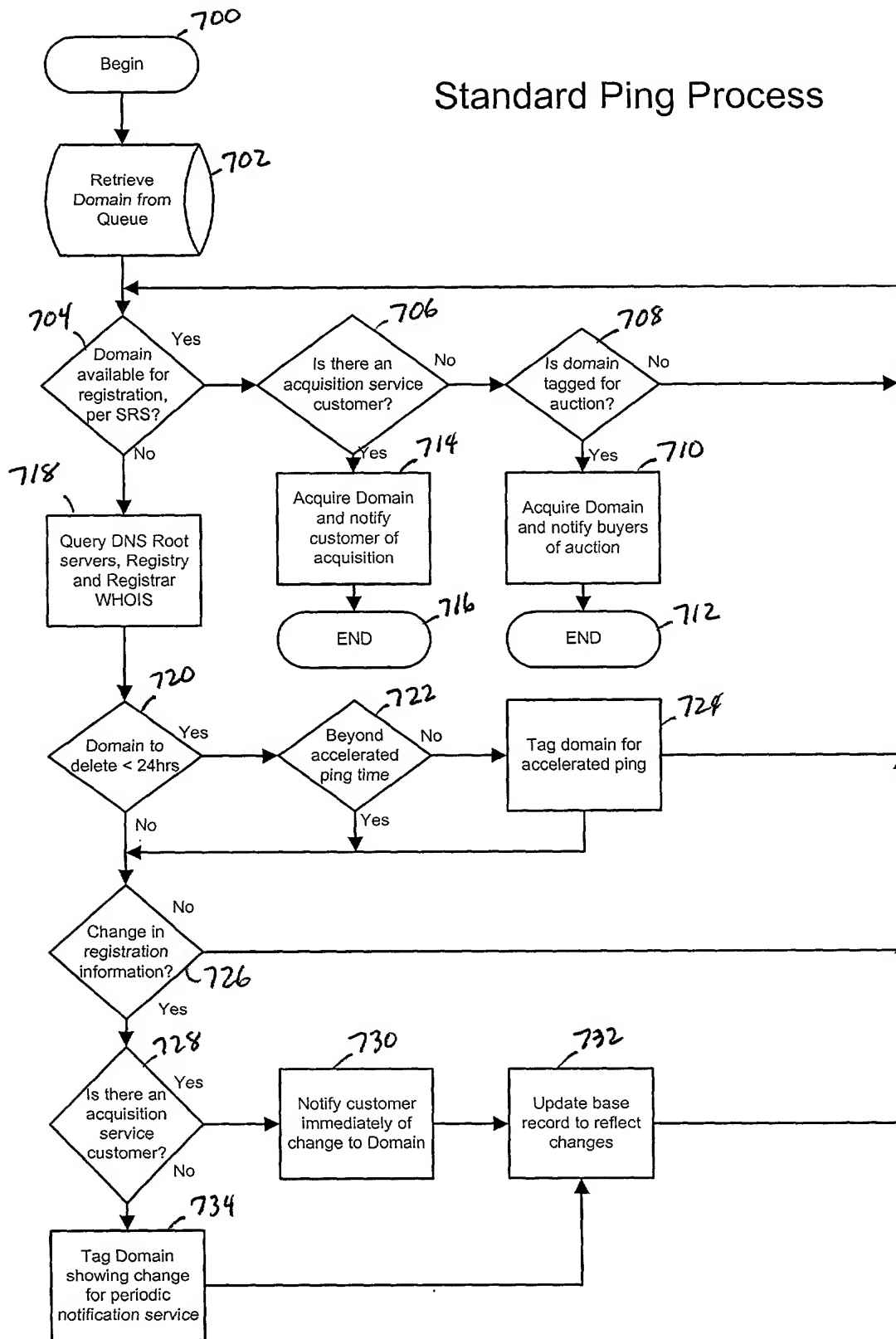


FIG. 7

Accelerated Ping Process

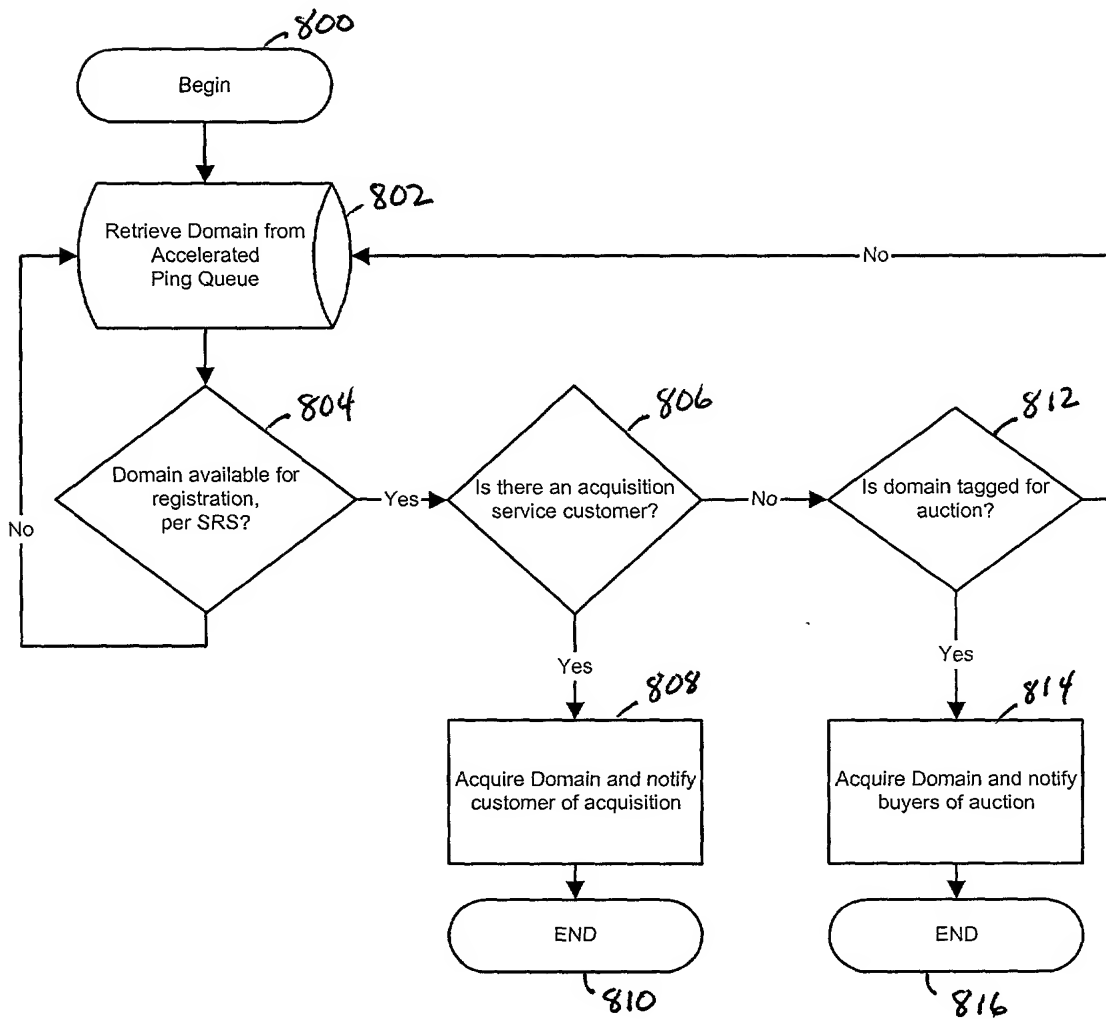


FIG. 8

RRP & WHOIS Event Decoder

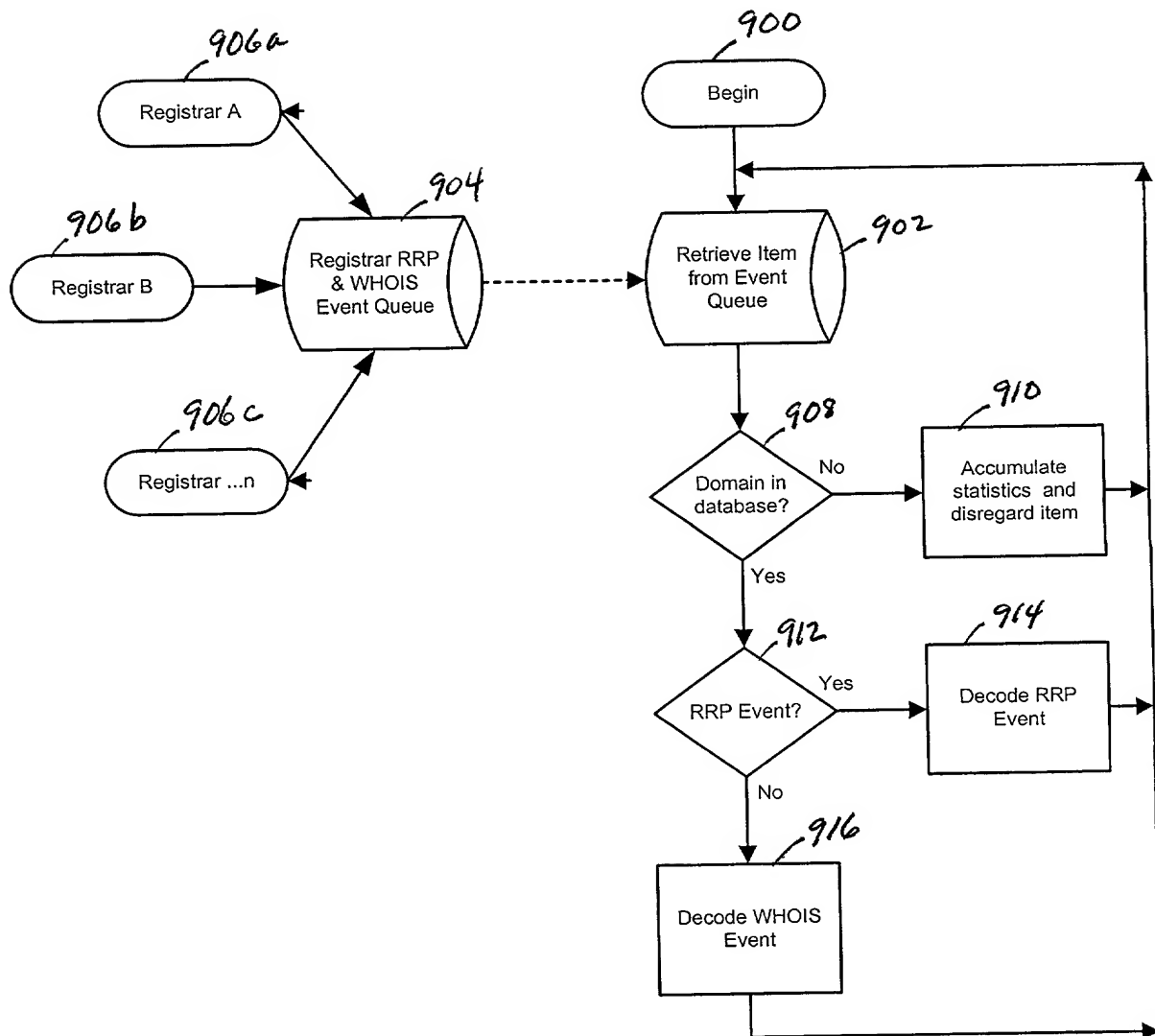


FIG. 9

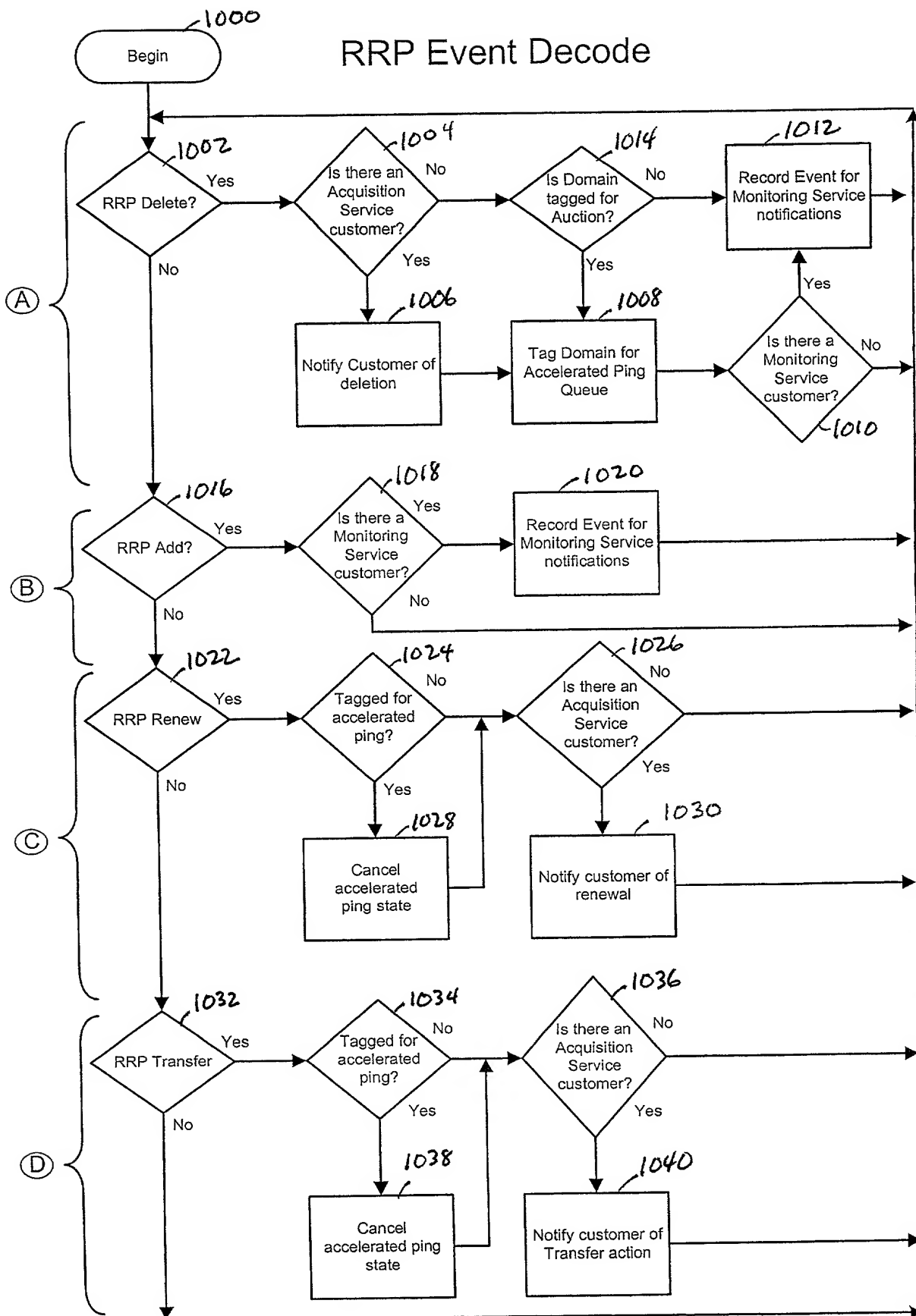


FIG. 10

WHOIS Event Decode

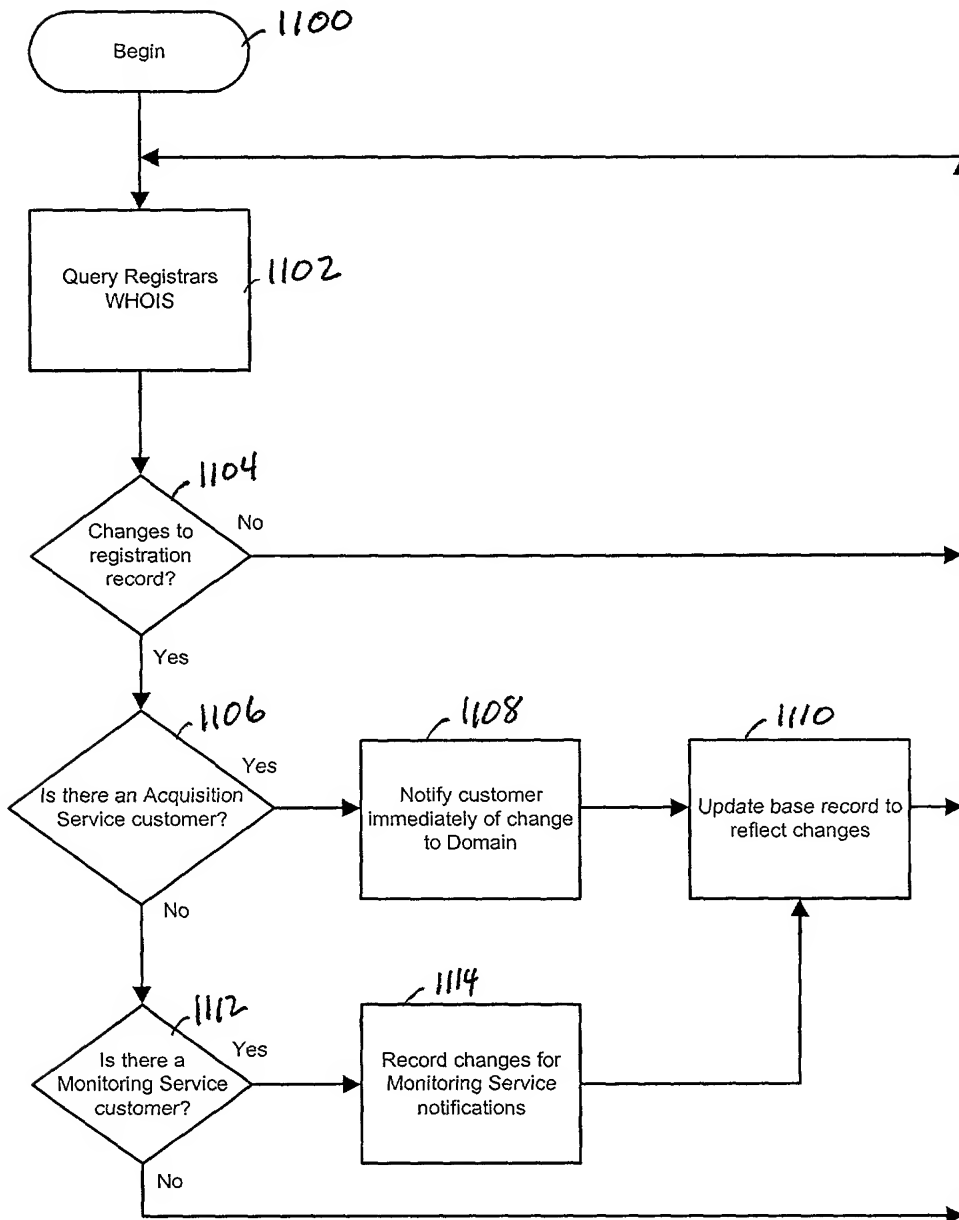


FIG. 11

Auction Tagger

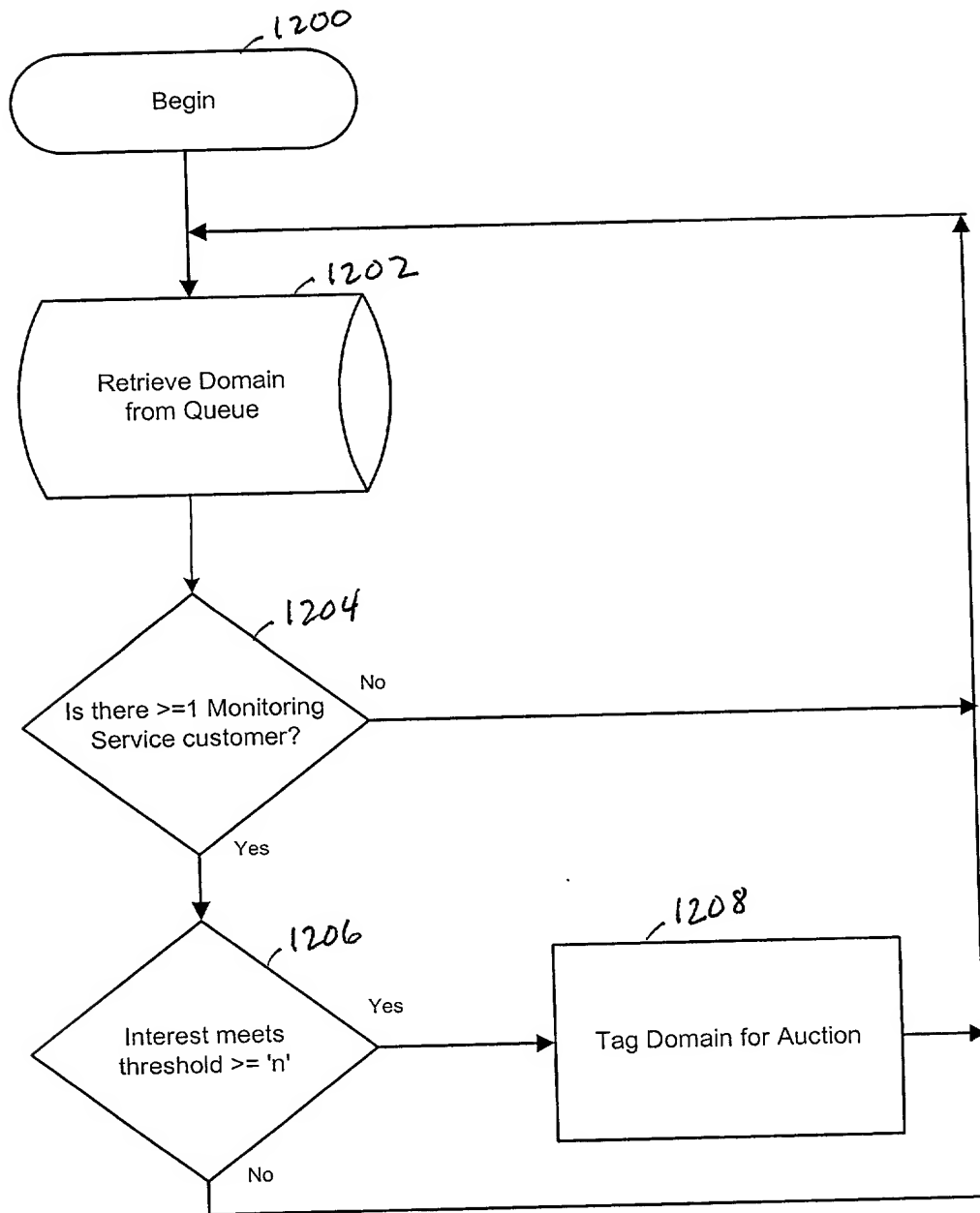


FIG. 12